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**Facsimile Cover Sheet**

DATE: June 26, 2003

ATTENTION: Michael C. Zarroli

FAX #: 1-703-746-4332

FROM: Niels Haun

RE: United States Application Serial Number: 09/833,282 (Haleos.2001-124)

Total Number of Pages Including this Cover Sheet: 3

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Application No. 09/833,282  
Docket No.: Haleos 2001-124

Art Unit: 2839  
Examiner: Michael C. Zarroli

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Steinberg, Dan A. : Group Art Unit: 2839  
Serial No.: 09/833,282 :  
Filed: April 12, 2001 : Examiner:  
For: FIBER OPTIC ARRAY SWITCH : Michael C. Zarroli  
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CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R § 1.8(a)

I hereby certify that this Correspondence is being transmitted on the date identified below to the Patent and Trademark Office in accordance with § 1.6(d).

June 26, 2003  
Date of Certificate of Transmission  
June 26, 2003

Cristin Donahue  
Cristin Donahue

SUPPLEMENTAL REPLY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This communication is supplemental to the reply filed by Applicant on June 13, 2003, in respect to the above-captioned application.

Application No. 09/833,282  
Docket No.: Haleos 2001-124

Art Unit: 2839  
Examiner: Michael C. Zarroli

REMARKS

Applicant would like to take the opportunity to clarify the record regarding the comments made by the prior representative in the amendment of November 26, 2002. In particular, at page 5, third full paragraph of the November 26 amendment, the previous representative characterized the detents 616 of Fig.6 as "horizontal grooves". The Examiner correctly noted in his subsequent office action that the specification uses the term "detent" with regard to element 616. Applicant agrees that the term "detent 616" is used in the specification. However, the term "detent" includes any suitable depression, such as a groove or a pit. In particular, the detent may have "alternative shapes suitable for retaining the roller elements 606 in place", such as a groove or a pit. (Specification, page 17, lines 10-11.)

The Examiner is invited to telephone the undersigned in the event that a telephone interview will advance prosecution of this application.

Respectfully submitted,



Niels Haun

PTO Reg. No. 48,488

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